Electronic-Theater '97

February 3-6, 1997 - Sponsored by the
American Meteorological Society,

with Drs. A. Fritz Hasler & K. Palaniappan of the
NASA/Goddard Laboratory for Atmospheres

Long Beach California Convention Center: Ball Rm A

The presentation will feature Goddard's Interactive Image SpreadSheet (IISS), on the new **SGI** multi R10000 - **Onyx²** - **Infinite**-**Reality graphics**, & Indigo2 **High Impact** workstations on **3 video screens**.

Contributors: D. Chesters, P. Black, R. Wilhelmson, W. Hibbard, , M. J-Nilsen, H.Mitchell, M.Manyin, J.d. L. Beaujardière, A.Nelson, D.Jones,

Monday February 3,1996 - 12:20 -1:10 p.m.

"GOESing" the '95 &'96 hurricane seasons
Another big hurricane season is illustrated w. help from HRD's Peter Black. Watch N. Carolina get the one-two punch of Bertha and Fran. See the color 3D perspective image of Fran featured in **TIME** and **LIFE**.

Tuesday February 4,1996 - 12:40 -1:30 p.m.

Education/Internet/Weather Broadcasting
See spectacular images and animations developed for the NMNH **Smithsonian Institution's** 150th Anniversary revolutionary **HoloGlobe Exhibit**. See video featured by **NBC's Bob Dobson** on last year's Atlanta AMS meeting. See how **GLOBE's** 2000 schools use the WWW. NBC 4's Dave Jones shows advanced visualizations f. NASA IITA cooperation.

Tuesday February 4,1996 - 8:30 p.m. -9:15 p.m.

Advances in Weather Satellite Obs.
See the video concept for a **GOES**-**next smallsat** Imager by Dennis Chesters. Watch the swirling eye of Luis with **one min interval GOES**-**9 images** simultaneously with hurricane hunter **aircraft Doppler radar**, and other rapid animations of storms. Analysis by Peter Black of NOAA.

Wednesday February 5,1996 - 12:20 -1:10 p.m..

Mesoscale/Microscale
NexRad data with GOES. Animations of lightning observations superimposed on GOES images. 30-60 second animations of severe storms. UI D. of Atmos. Sci./NCSA tornado simulations for IMAX and WWW based **Weather World 2010** with Java by Bob Wilhelmson
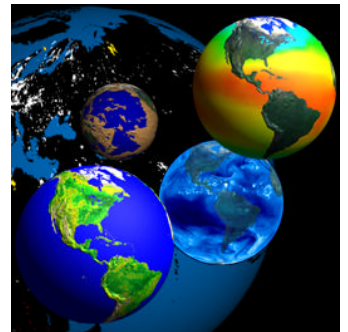
Thursday February 6,1996 - 12:20 -1:10 p.m.

Weather & Oceans - Stereo & Virtual Reality
3D model visualization using Bill Hibbard's UW VIS-5D system in the IISS. Look at **5 years of climate data** from MTPE's EOSDIS. The FakeSpace Virtual Reality boom takes your head inside a model data cube. See stereo from GOES 8 & 9, and watch polar ice caps flow.
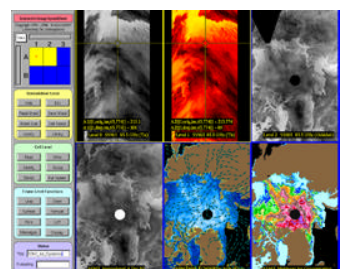

NOAA GOES-8

Smithsonian **HoloGlobe**

Hurricane **Fran** Sept 4 '96

Hurricane **Luis** Sept 8, 95

Interactive Image SpreadSheet (IISS)